

Abstract Of The Disclosure

A new automotive sidelight designed specifically for automotive original equipment manufacturers is disclosed. This new elongated sidelight is constructed by inserting at least one multiple light emitting diode board, with at least one reflective surface, into an injection mold that also forms illumination diffusion grooves on at least one surface. The LED mounting board can have multiple colors of LEDs on each side, so that this sidelight can be multi-purpose. A diagonal reflective surface extending almost from end to end can also be inserted into the mold. At least one injection molded UV resistant polycarbonate cover section is ultrasonically welded to the insertion-molded section. This sidelight is designed to mount either between double paneled vehicle sides or behind single panel vehicle sides. A double-sided embodiment of this sidelight, mounted into a pickup truck bed wall, functions as a sidelight, and illuminates the cargo area.